

<110> INOUE, Akio TRADENIO SHIMIZU, Yoshihiro UEDA, Takuya

<120> Process for Producing Peptides By Using In Vitro Transcription/Translation System

- <130> 1752-0151P
- <140> 09/983,067
- <141> 2001-10-23
- <150> JP 294795/2001
- <151> 2001-09-26
- <150> JP 227094/2001
- <151> 2001-07-27
- <150> JP 6910/2001
- <151> 2001-01-15
- <150> JP 401417/2000
- <151> 2000-12-28
- <160> 6
- <170> PatentIn version 3.1
- <210> 1
- <211> 14
- <212> PRT
- <213> Bovine sp.
- <400> 1

Ser Asn Lys Glu Gln Glu Pro Lys Glu Lys Lys Lys Lys 10

- <210> 2
- <211> 9
- <212> PRT
- <213> Artificial Sequence
- <220>
- <223> Strep-tag binding to streptavidin
- <220>
- <221> MISC FEATURE
- <222> (1)..(9)
- <223> Schmidt & Skerra, 1993, "The random peptide library-assisted enginerring of a C-terminal affinity peptide, useful for the detection and purification of a functional IgFv fragment", Protein Eng. 6(1):109-122.

```
<400> 2
Ala Trp Arg His Pro Gln Phe Gly Gly
<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence
<220>
<223>
       Strep-tag II used in the binding of streptavidin
<220>
<221> MISC_FEATURE
<222>
       (1)..(9)
<223>
       Schmidt et al., 1996, "Molecular interaction between the
       Strep-tag affinity peptide and its cognate target,
       streptavidin", J. of Mol. Biol. 255(5):753-766.
<400> 3
Asn Trp Ser His Pro Gln Phe Glu Lys
<210>
       4
<211> 12
<212>
       RNA
<213> Artificial Sequence
<220>
<223>
       RNA sequence to obtain a template for MFL mRNA
<220>
<221>
       mRNA
<222>
       (1)..(12)
<223>
<400> 4
auguucuugu aa
                                                                       12
<210> 5
<211>
       14
<212> DNA
<213> Artificial Sequence
<220>
<223>
       oligonucleotide A that anneals to SEQ ID NO:6 to give a
```

double-stranded DNA containing NdeI and XhoI sequences

<400>	5	
tatgtto	cttg taac	14
<210>	6	
<211>	16	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	oligonucleotide B that anneals to SEQ ID NO: 5 to give a double-stranded DNA containing NdeI and XhoI sequences	
<400>	6	
tcgagti	caca agaaca	16